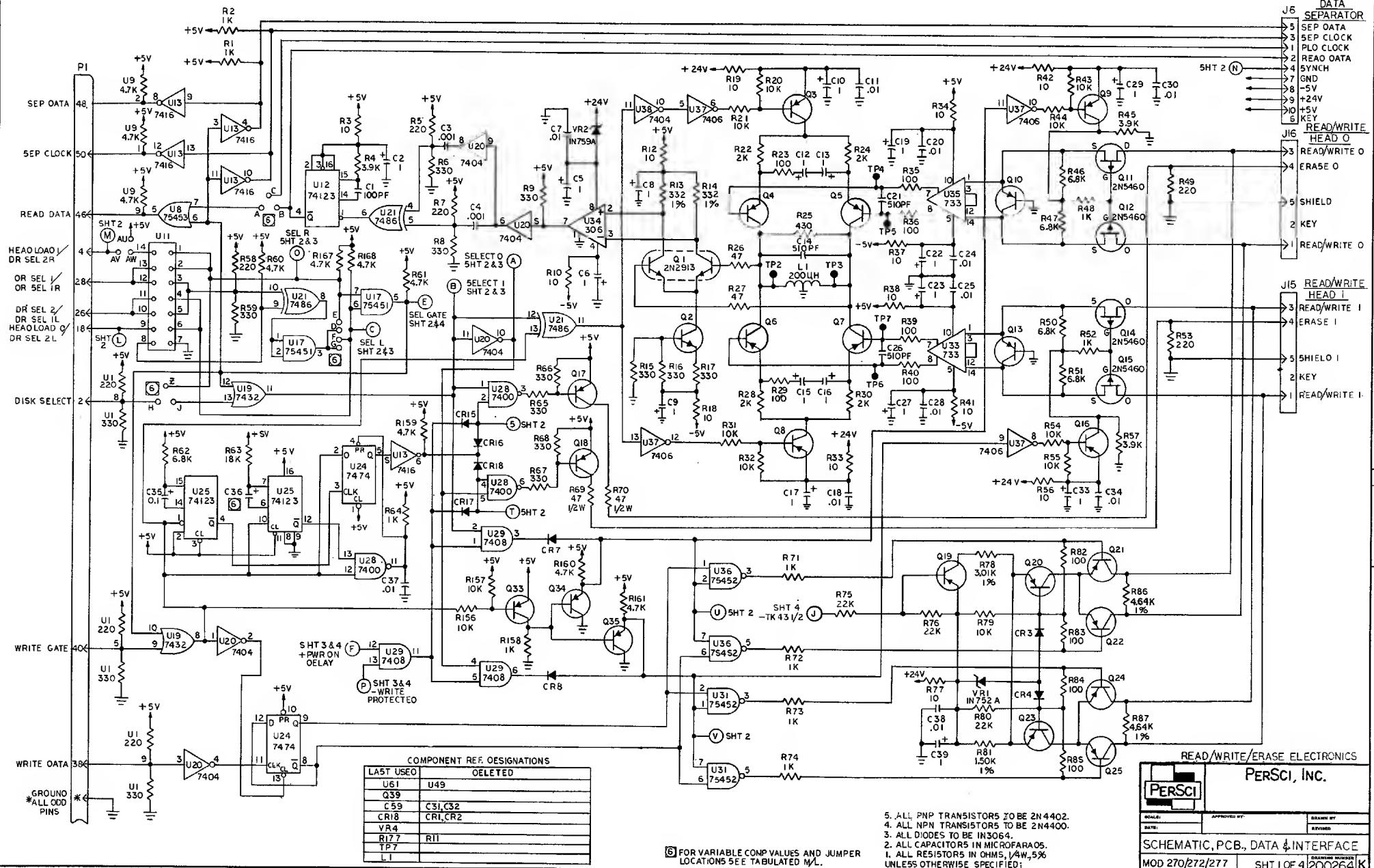
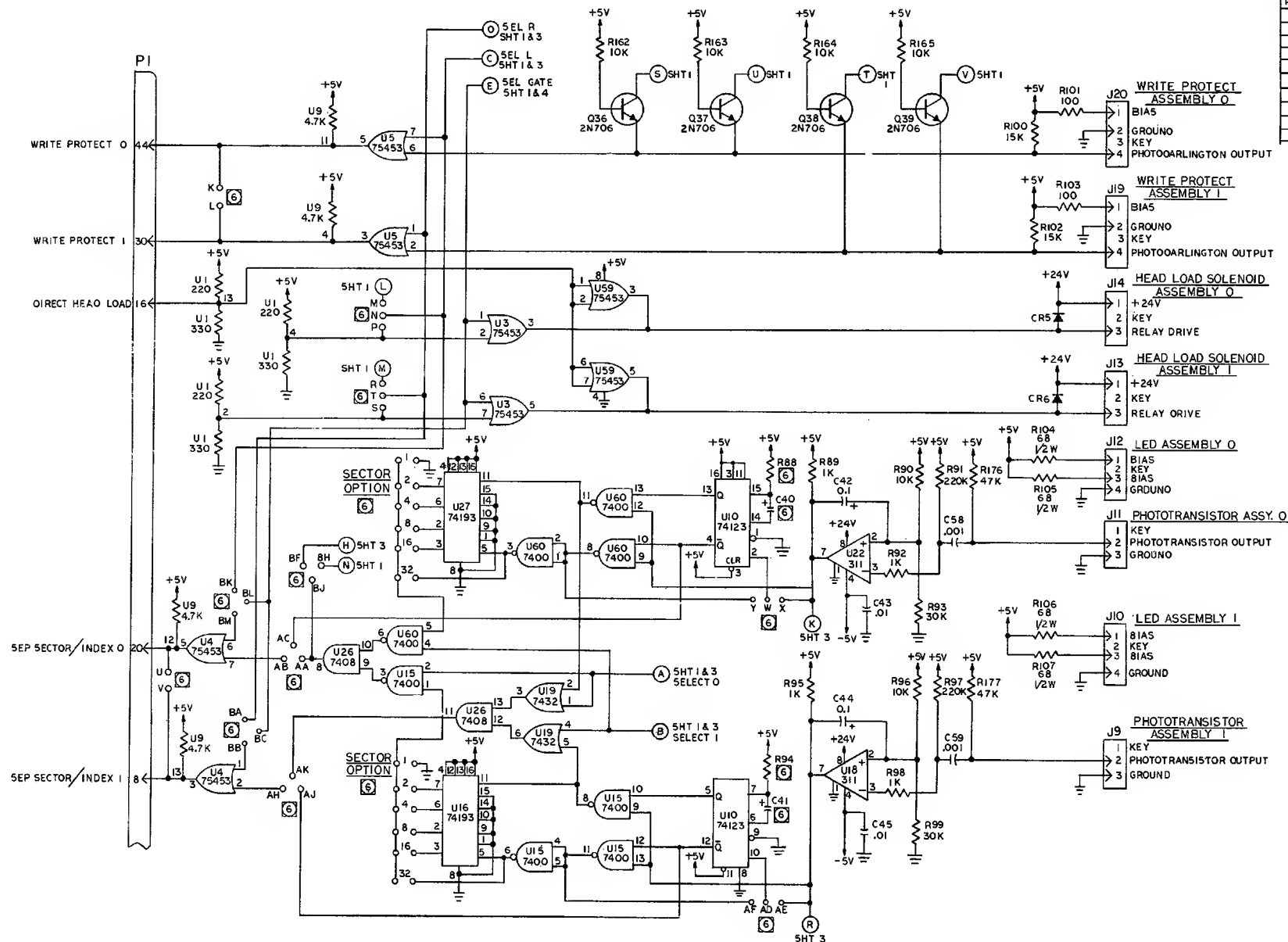




Logic & Schematic Diagram
Diskette Drive
Models 270/272/277

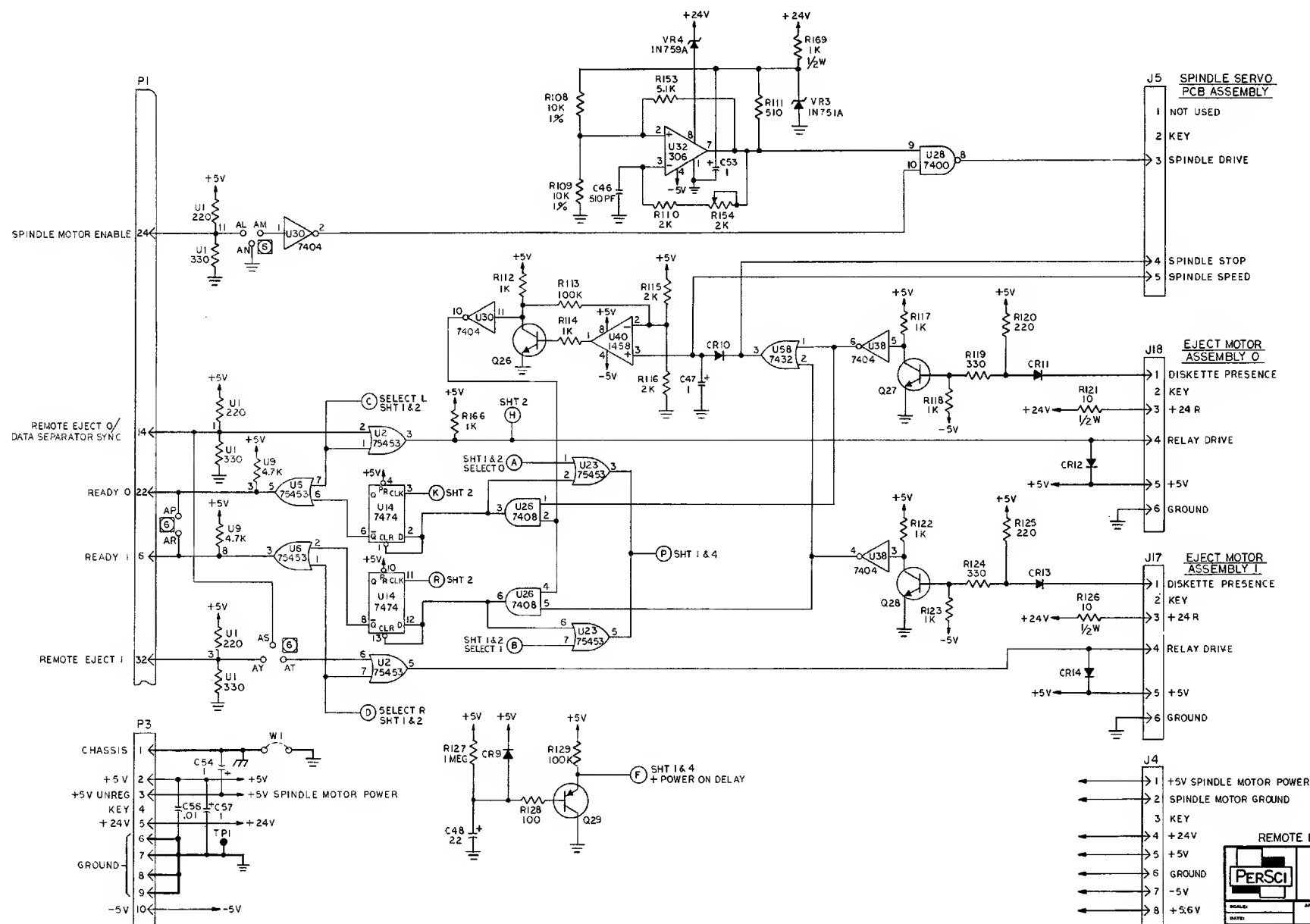




| REVISION | | 200264 | K |
|----------|-------------|--------|------|
| REV | DESCRIPTION | CHK | DATE |
| A | MFG REL | | |
| B | ECO #12 | | |
| C | ECO #13 | | |
| D | ECO #45 | | |
| E | ECO #57 | | |
| F | ECO #59 | | |
| G | ECO #129 | | |
| H | ECO #134 | | |
| J | ECO #156 | | |
| K | ECO #188 | | |

WRITE PROTECT, H. LOAD, INDEX

| | | | |
|----------------------------------|--------------|---------------------|--|
| PERSCI | | PERSCI, INC. | |
| DESIGN: | APPROVED BY: | DESIGNED BY: | |
| DATE: | | REVISED: | |
| SCHEMATIC, PCB, DATA & INTERFACE | | | |
| MOD 27Q/272/277 | | SHT 2 OF 4 200264 K | |



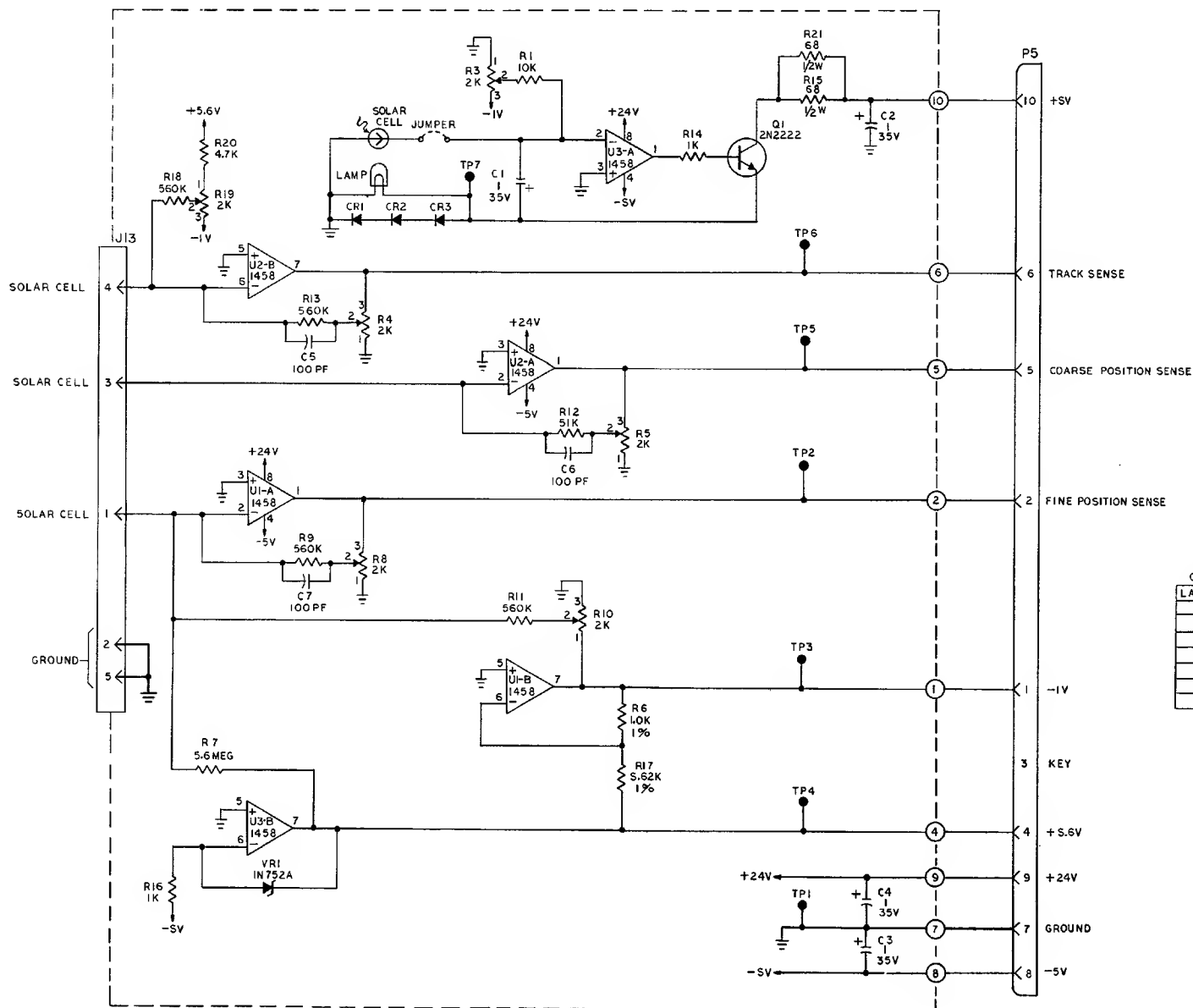
REMOTE EJECT, READY, SPINDLE

PERSCI, INC.

SCHEMATIC, PCB, DATA & INTERFACE

MOD 270/272/277 SHT 3 OF 4 200254K

| REVISEMENTS | | 200096 E |
|-------------|-------------------|----------|
| REV | DESCRIPTIONS | CHK DATE |
| A | ENGIN REL | 1/8/88 |
| B | ADD R18, R19, R20 | 1/8/88 |
| C | ECO 63 MFG REL | 1/8/88 |
| D | SEE ECO 77 | 1/8/88 |
| E | ECO 179 | 1/8/88 |



COMP. REF. DESIGNATIONS

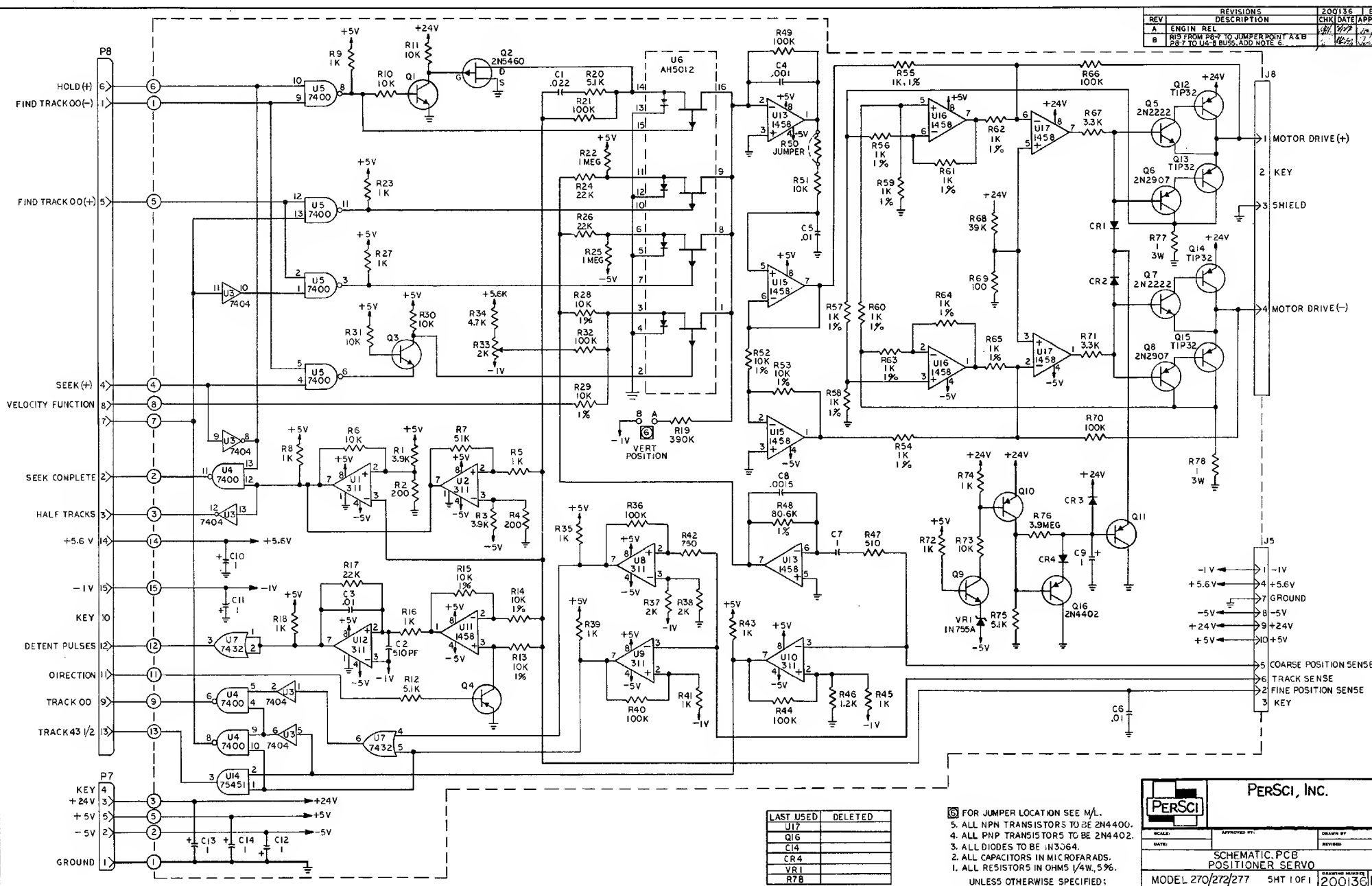
| LAST USED | DELETED |
|-----------|---------|
| U3 | |
| Q1 | |
| CR3 | |
| C7 | |
| R21 | R2 |
| TP7 | |
| VR1 | |

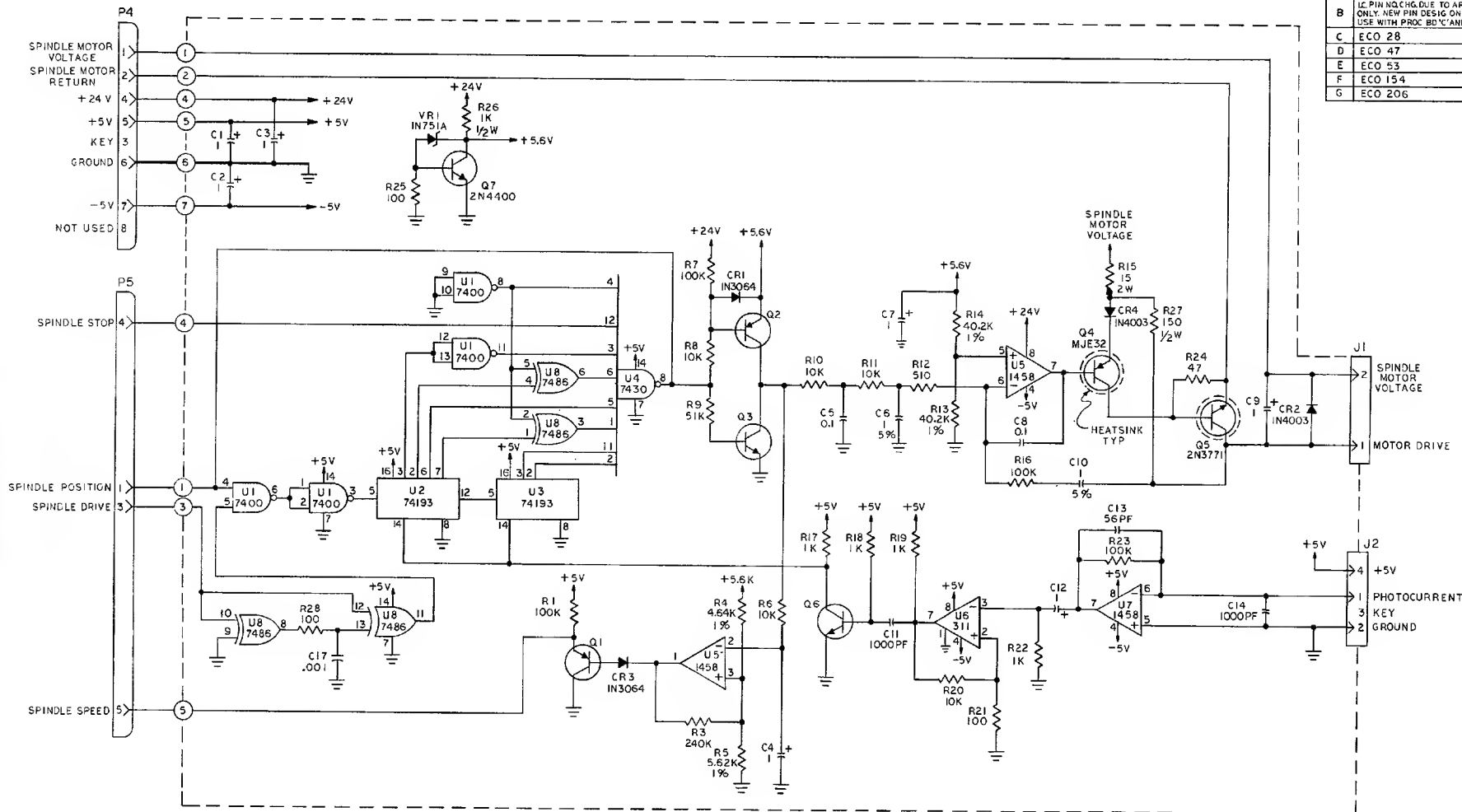
- 3 ALL DIODES TO BE IN4003.
 - 2 ALL CAPACITOR VALUES IN MICROFARADS.
 - 1 ALL RESISTOR VALUES IN OHMS, 1/4W, 5%.
- UNLESS OTHERWISE SPECIFIED;

| | | | |
|--------------------------------|--------------|---------------------|----------|
| | | PERSCI, INC. | |
| SCALE: | APPROVED BY: | DRAWN BY: | |
| DATE: | REVISED: | | |
| SCHEMATIC, PCB, LAMP AMPLIFIER | | | |
| MOD 270/272/277 | | SHT 1 OF 1 | 200096 E |

200096 E

| REV | REVISIONS | 200136 | B |
|-----|--------------------------------------|----------|----------|
| A | ENG IN REL | CHK | DATE |
| B | RIS FROM REV 7 TO JUMPER POINT A & B | 12/17/77 | 12/17/77 |
| | 287 TO U4-B BUSS, ADD NOTE 6. | | |





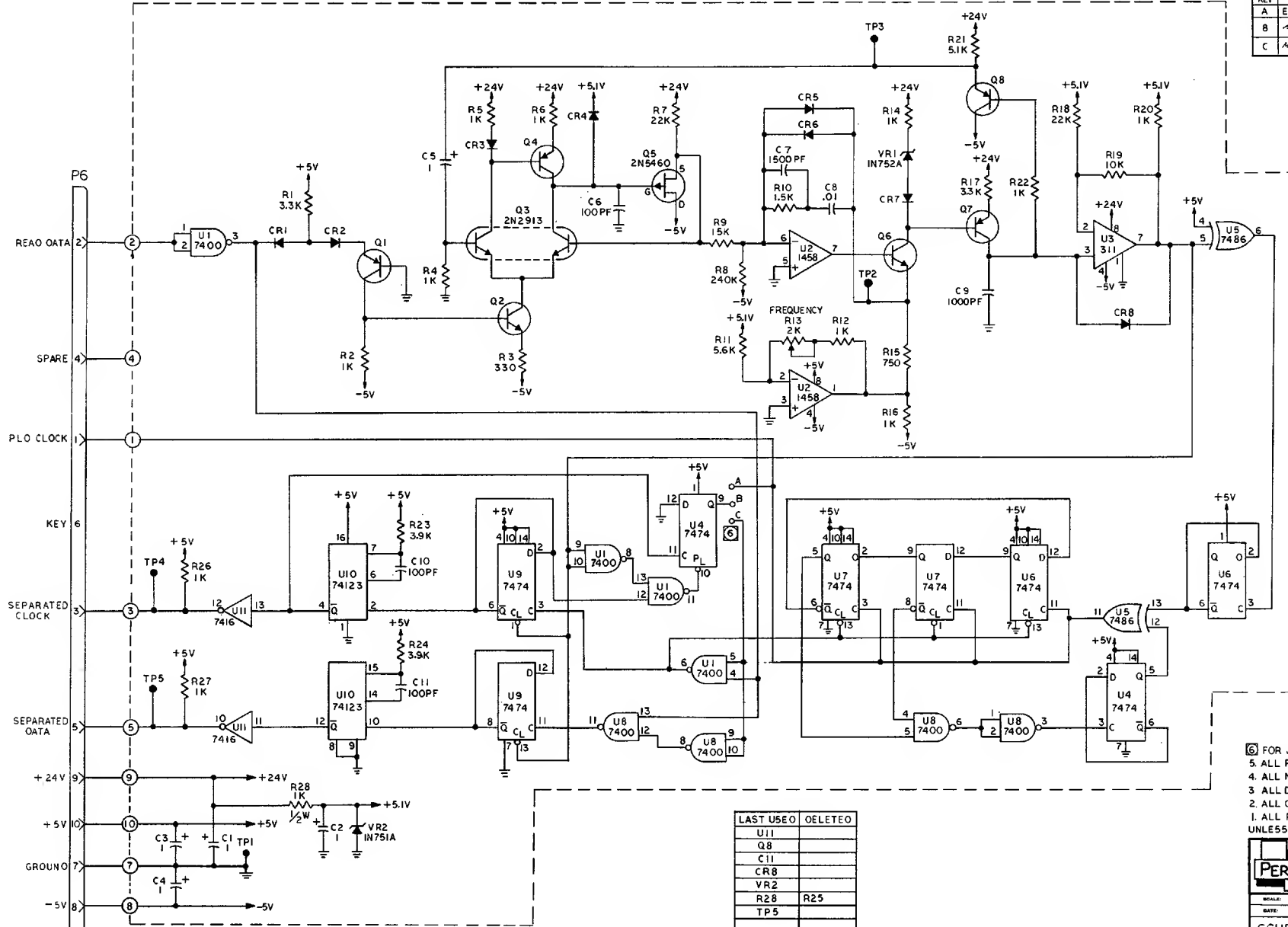
| REVISIONS | | 200133 | G |
|-----------|---|--------|------|
| REV | DESCRIPTION | CHK | DATE |
| A | ENGIN REL | | |
| B | 12 PIN NO CHG DUE TO ARTWORK REDSIGN ONLY. NEW PIN DESIG ON U1,U4,U5,U7 USE WITH PROC BD 'C' AND UP | | |
| C | ECO 28 | | |
| D | ECO 47 | | |
| E | ECO 53 | | |
| F | ECO 154 | | |
| G | ECO 206 | | |

| REF DESIGNATIONS | |
|------------------|---------|
| LAST USED | DELETED |
| U8 | |
| Q7 | |
| CR4 | |
| C17 | C15,C16 |
| R28 | R2 |
| VR1 | |

- 4 ALL PNP TRANSISTORS TO BE 2N4402.
 3 ALL NPN TRANSISTORS TO BE 2N4400.
 2 ALL CAPACITOR VALUES IN MICROFARADS.
 1. ALL RESISTOR VALUES IN OHMS, 1/4W, 5%.
 UNLESS OTHERWISE SPECIFIED;

| | |
|-------------------------------|--------------|
| PERSCI, INC. | |
| PERSCI | |
| DATE: | APPROVED BY: |
| | DESIGNED BY: |
| | REVISED: |
| SCHEMATIC, PCB, SPINDLE SERVO | |
| MOD 270/272/277 | SHT 1 OF 1 |
| | 200133 |

| REVISIONS | | 200115 | C |
|-----------|--|----------|--------|
| REV | DESCRIPTIONS | CHK | DATE |
| A | ENGIN REL | J. J. J. | 1/1/72 |
| B | ADD INTERNAL REGULATOR +5.1V | J. J. J. | 1/1/72 |
| C | ATPG REL - ADD OUTPUT JUMPLES 1, 8 & C | J. J. J. | 1/1/72 |

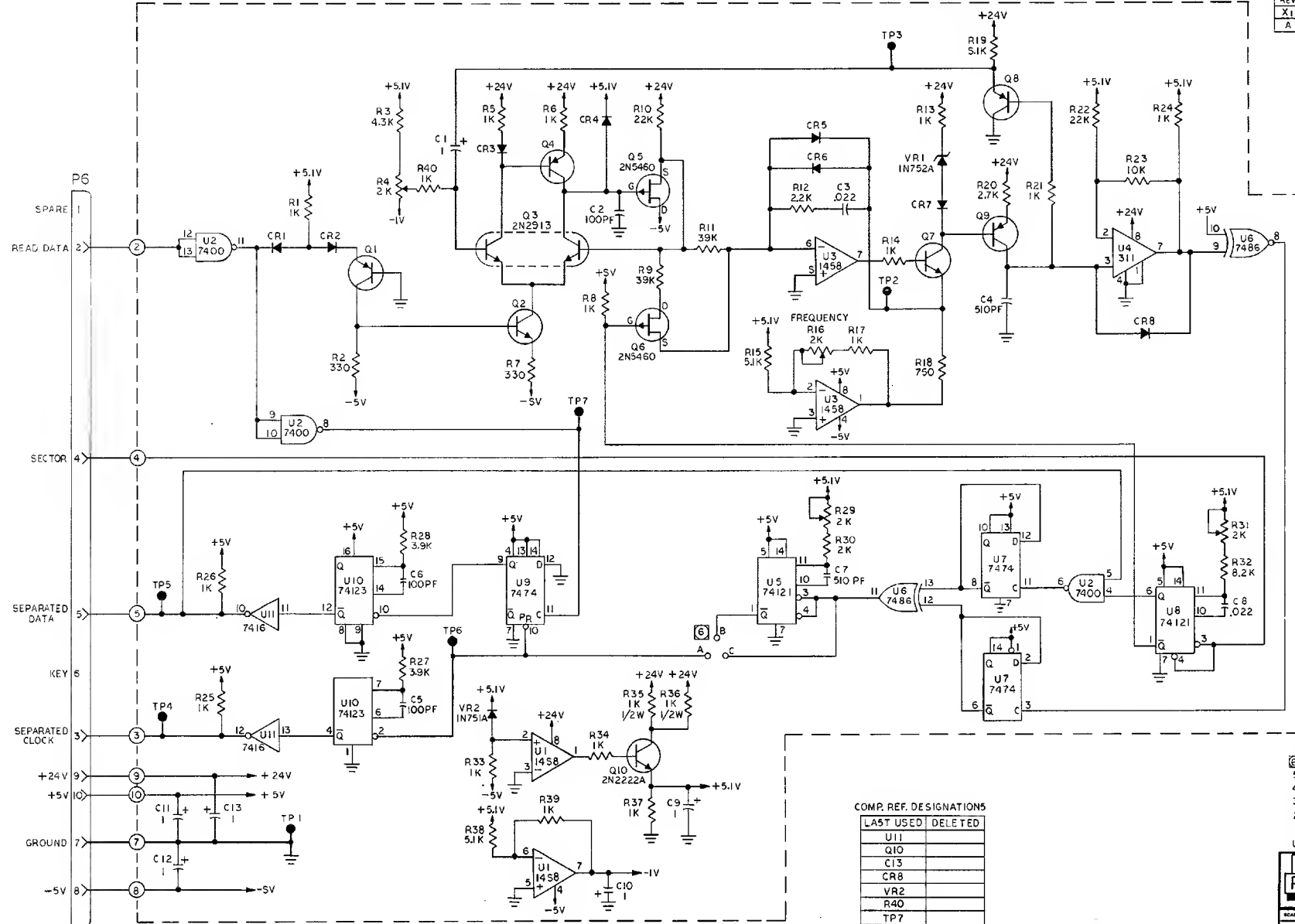


| LAST USED | DELETED |
|-----------|---------|
| U11 | |
| Q8 | |
| C11 | |
| CR8 | |
| VR2 | |
| R28 | R25 |
| TP5 | |

- ⑥ FOR JUMPER LOCATIONS SEE TABULATED M/L.
 5. ALL PNP TRANSISTORS TO BE 2N4402.
 4. ALL NPN TRANSISTORS TO BE 2N4400.
 3. ALL DIODES TO BE IN 3064.
 2. ALL CAPACITORS IN MICROFARADS.
 1. ALL RESISTORS IN OHMS 1/4 W. 5%.
 UNLESS OTHERWISE SPECIFIED:

| | | | |
|---|---------------------------------------|--|--|
| | | PERSCI, INC. | |
| NAME: _____ DATE: _____ | APPROVED BY: _____ REVISION: _____ | DRAWN BY: J. J. J. CHECKED BY: J. J. J. | |
| SCHEMATIC | | | |
| PHASE LOCKED DOUBLE F DATA SEPARATOR | | | |
| MOD 270/272/277 | | SHT 1 OF 1 | |
| | | 200115 C | |

| REVISONS | | 200231A |
|----------|--------------|-----------------|
| REV | DESCRIPTIONS | CHK (DATE APPR) |
| X1 | EXP REL | 7 24 |
| A | ENGIN REL | 1 1 |

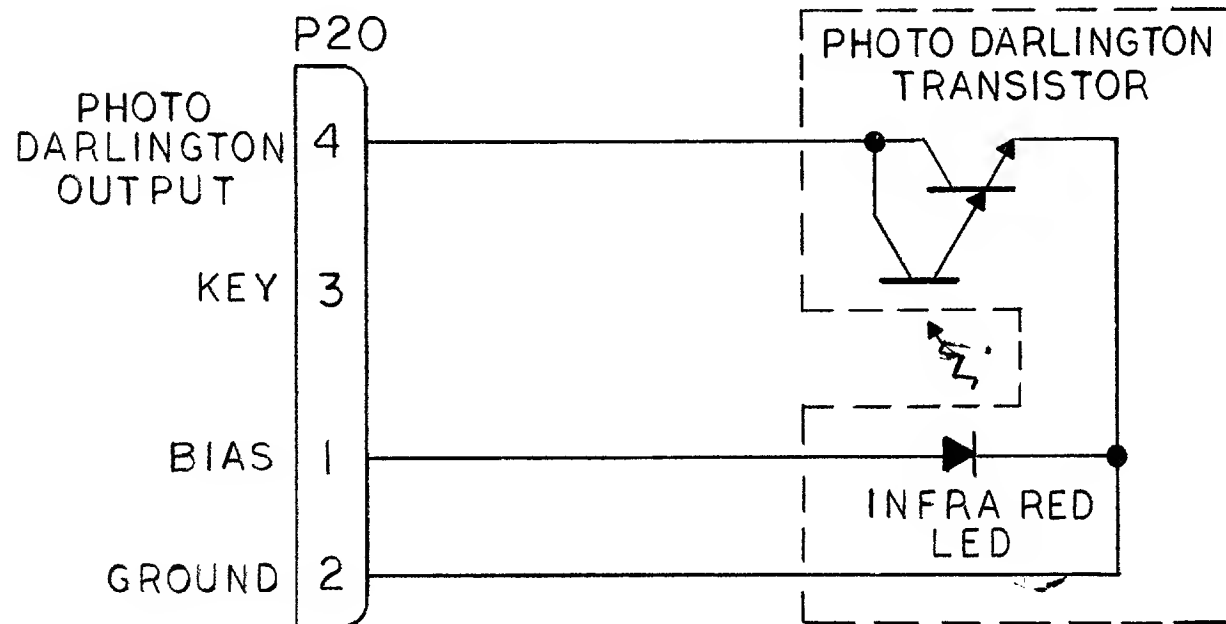


COMP. REF. DESIGNATIONS

| LAST USED | DELETED |
|-----------|---------|
| U11 | |
| Q10 | |
| C13 | |
| CR8 | |
| VR2 | |
| R40 | |
| TP7 | |

6. FOR JUMPER LOCATIONS SEE TABULATED M/L.
 5. ALL PNP TRANSISTORS TO BE 2N4402.
 4. ALL NPN TRANSISTORS TO BE 2N4400.
 3. ALL DIODES TO BE IN 3064.
 2. ALL CAPACITORS IN MICROFARADS.
 1. ALL RESISTORS IN OHMS 1/4W 5% UNLESS OTHERWISE SPECIFIED.

| | | | |
|-----------------|--------------|-------------------------------|-----------|
| | | PERSCI, INC. | |
| SCALE: | APPROVED BY: | DATE: | DRAWN BY: |
| DATE: | DATE: | DATE: | DATE: |
| SCHEMATIC. | | DOUBLE DENSITY DATA SEPARATOR | |
| MOD 270/272/277 | | SHT 1 OF 1 | |
| 200231A | | 200231A | |



PERSCI, INC.

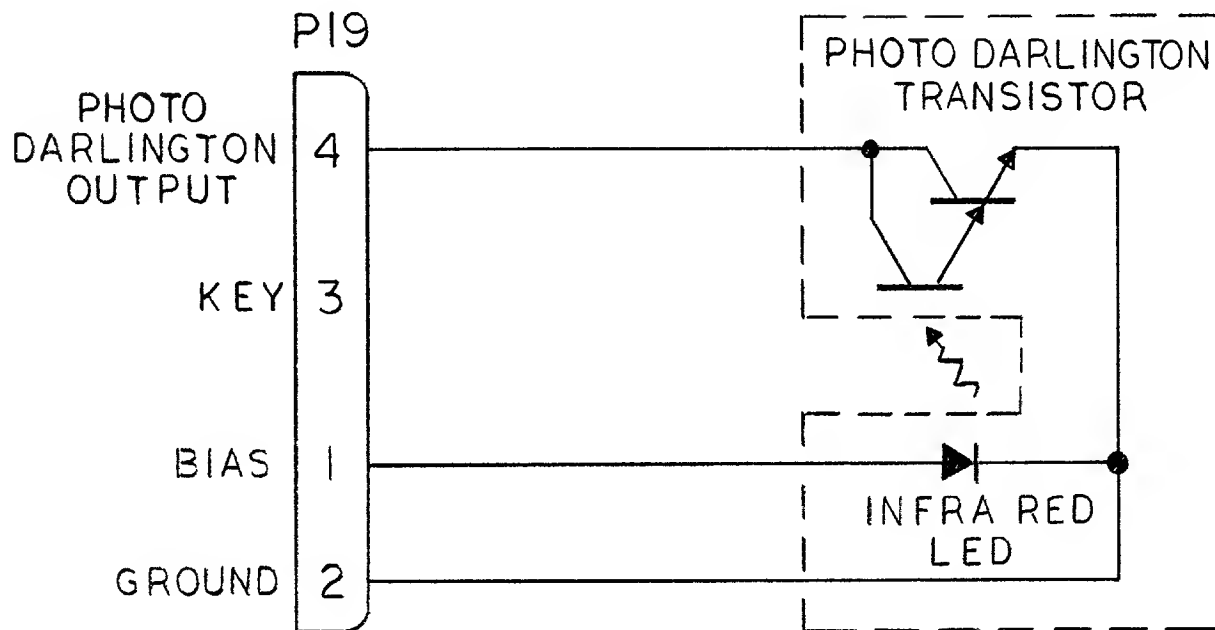
SCHEMATIC
WRITE PROTECT MODULE
SIDE 0


270/272/277

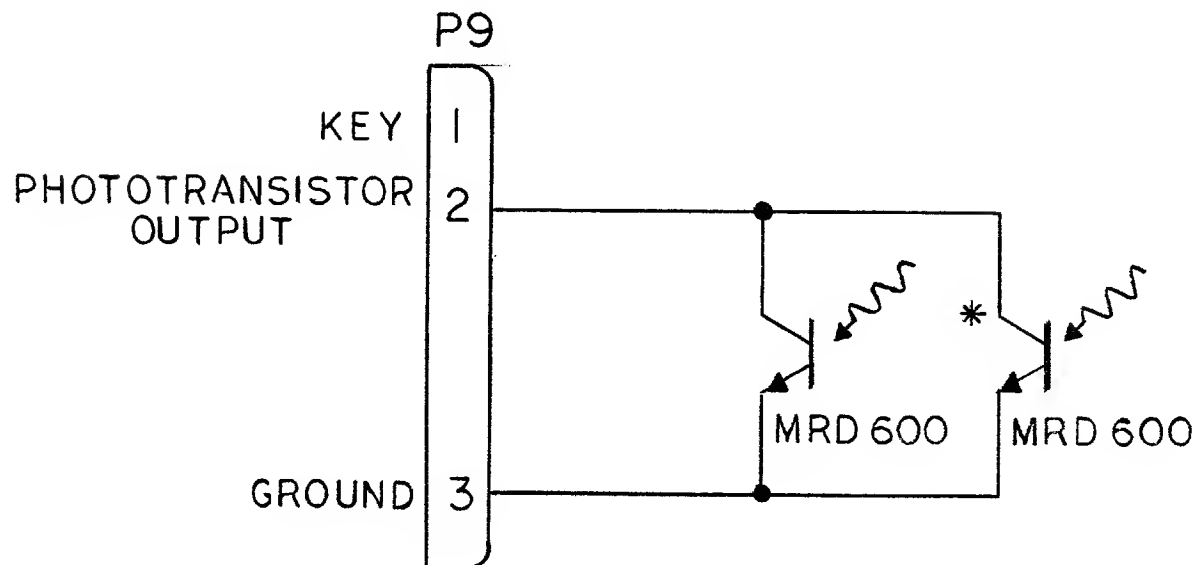
SHT 1 OF 1

200231

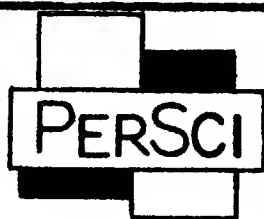
A



| | | | |
|--|--------------|--------|---|
|  | PERSCI, INC. | | |
| SCHEMATIC WRITE PROTECT MODULE SIDE 1 | | | |
| 270/272/277 | SHT 1 OF 1 | 200232 | A |



NOTE
SECOND PHOTOTRANSISTOR
OPTIONAL FOR DUAL INDEX
OPTION.



PERSCI, INC.

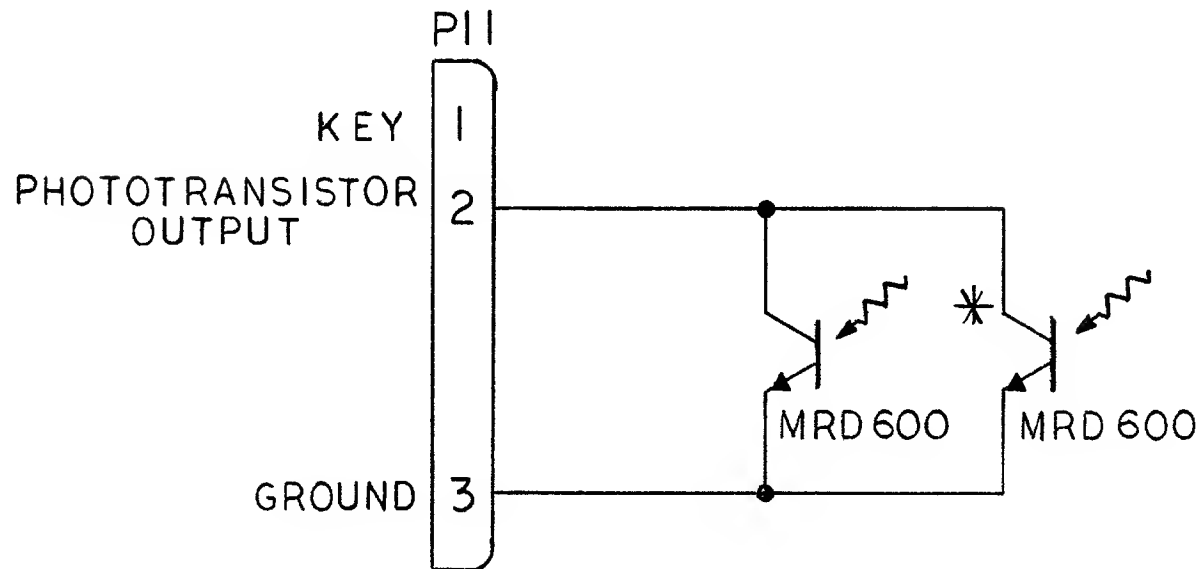
SCHEMATIC
PHOTOTRANSISTOR ASSEMBLY
SIDE 1

270/272/277

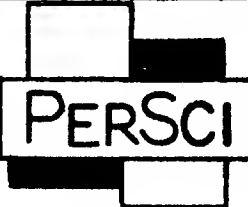
SHT 1 OF 1

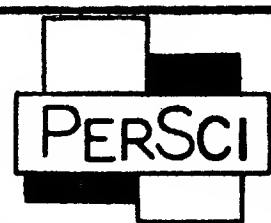
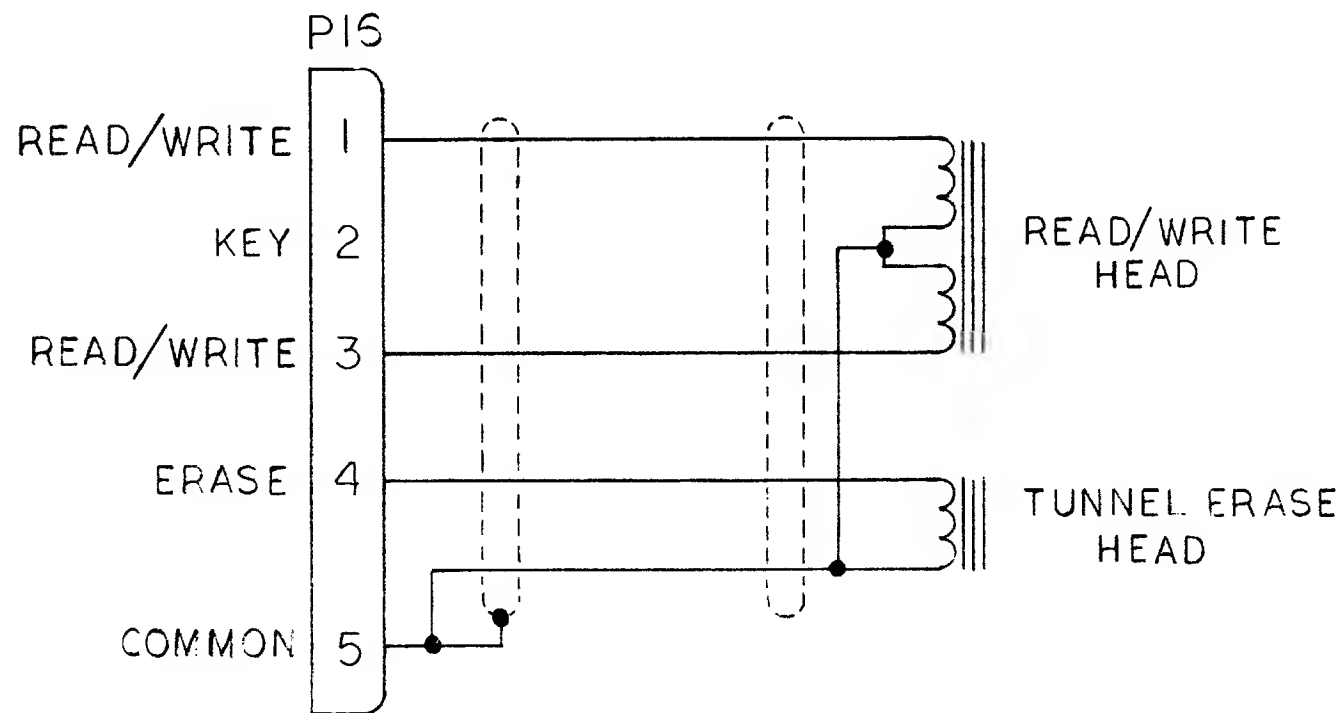
200233

B



* NOTE
SECOND PHOTOTRANSISTOR
OPTIONAL FOR DUAL INDEX
OPTION.

| | | | |
|--|--------------|--------|---|
|  | PERSCI, INC. | | |
| SCHEMATIC PHOTOTRANSISTOR ASSEMBLY SIDE Ø | | | |
| 270/272/277 | SHT 1 OF 1 | 200234 | B |



PERSCI, INC.

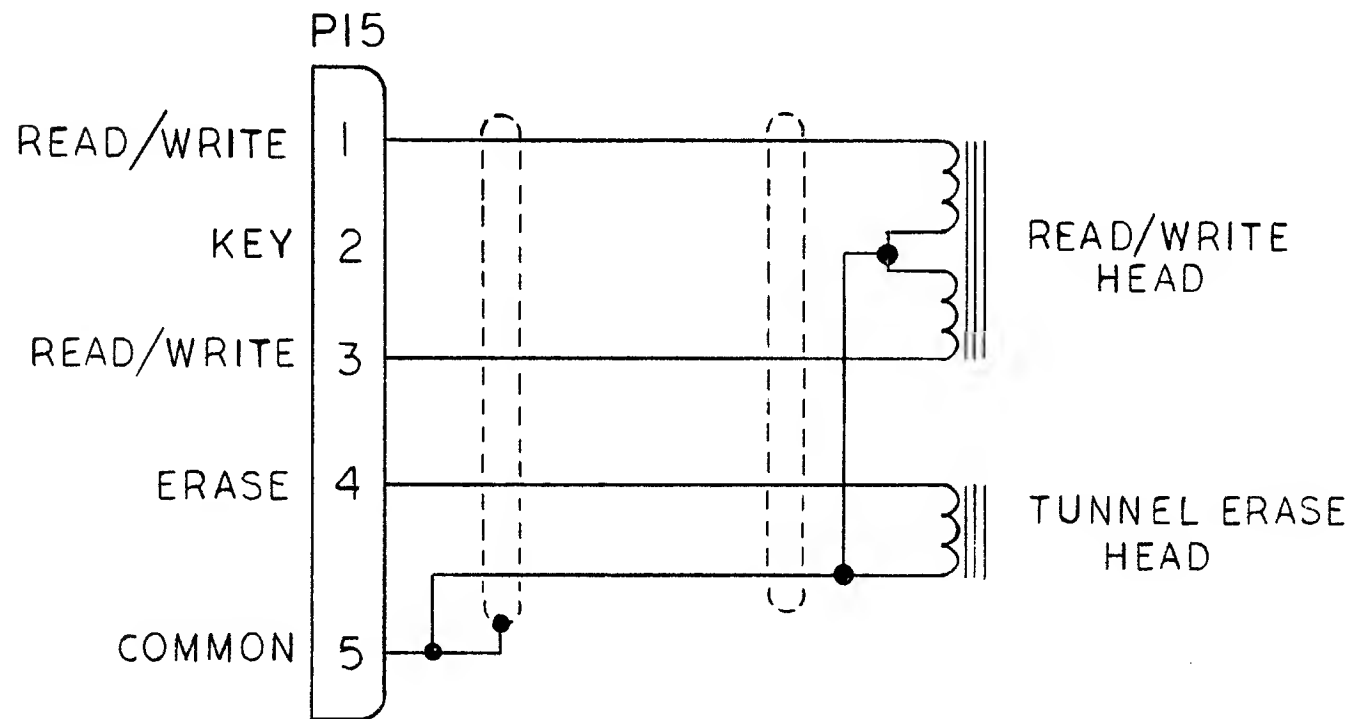
SCHEMATIC
READ/WRITE HEAD ASSEMBLY
SIDE 0

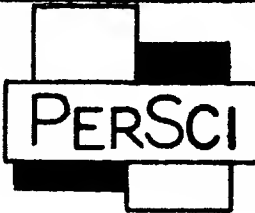
270/272/277

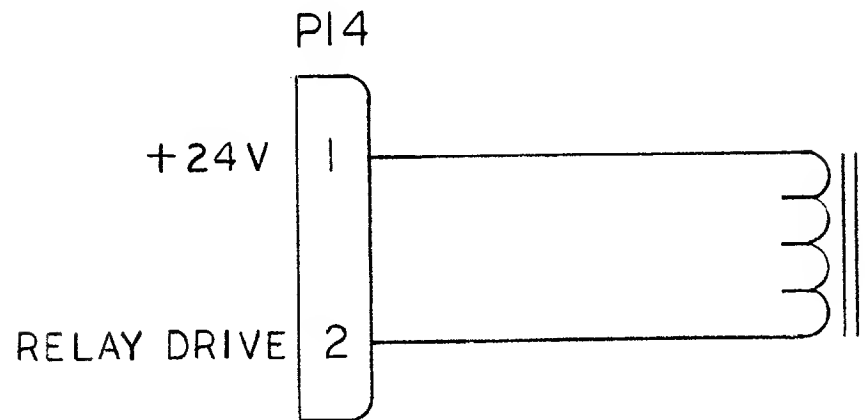
SHT 1 OF 1


200235

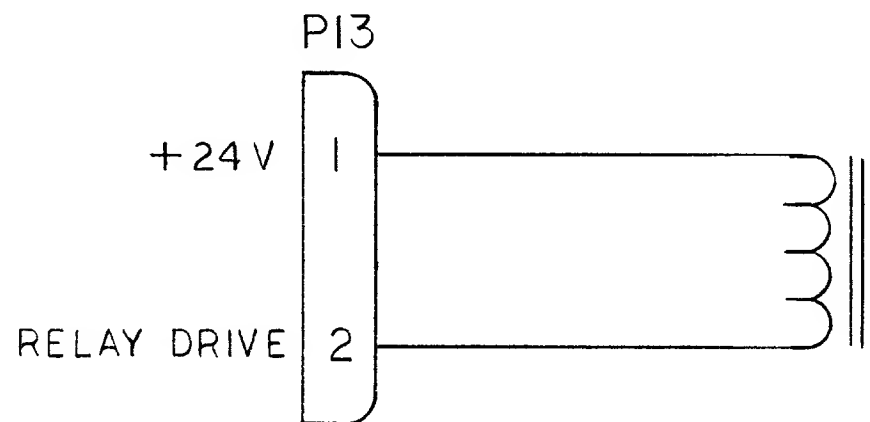
A




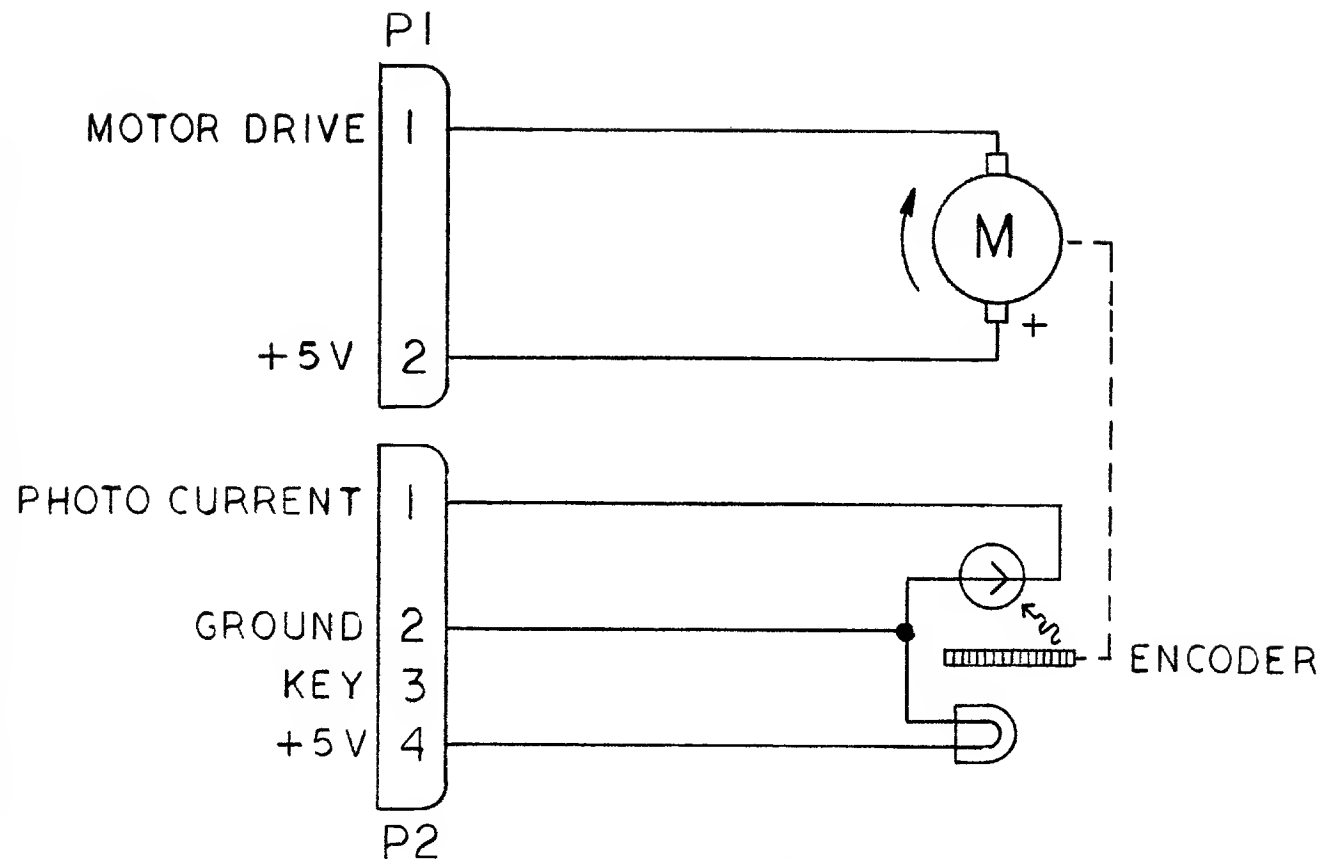
| | | | |
|--|---------------------|---------------|----------|
|  | <p>PERSCI, INC.</p> | | |
| <p>SCHEMATIC READ/WRITE HEAD ASSEMBLY SIDE 1</p> | | | |
| <p>270/272/277</p> | <p>SHT 1 OF 1</p> | <p>200236</p> | <p>A</p> |



| | | | |
|--|--------------|--------|---|
|  PERSCI | PERSCI, INC. | | |
| SCHEMATIC HEAD LOAD ASSEMBLY SIDE 0 | | | |
| 270/272/277 | SHT 1 OF 1 | 200237 | A |



| | | | |
|--|--------------|--------|---|
|  PERSCI | PERSCI, INC. | | |
| SCHEMATIC HEAD LOAD ASSEMBLY SIDE 1 | | | |
| 270/272/277 | SHT 1 OF 1 | 200238 | A |



PERSCI, INC.

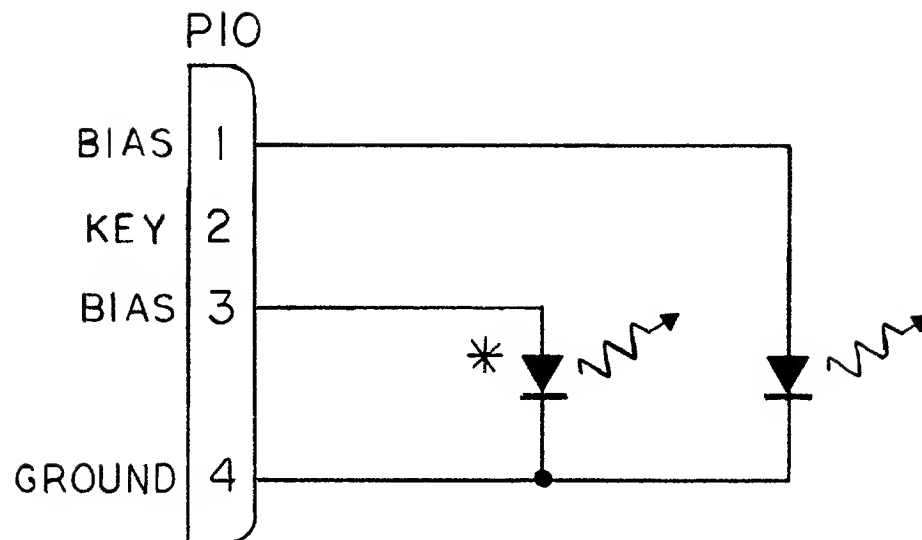
SCHEMATIC
SPINDLE MOTOR ASSEMBLY

270/272/277


SHT 1 OF 1

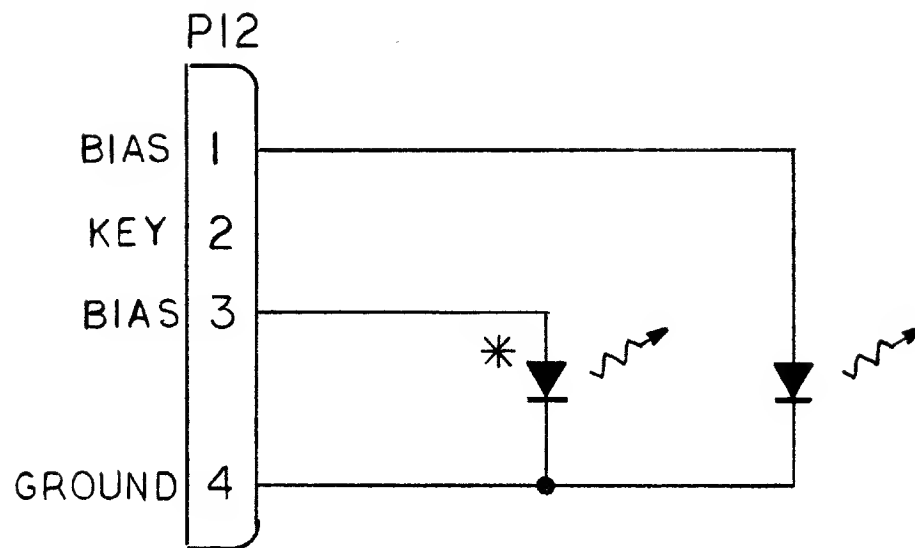
200239

A

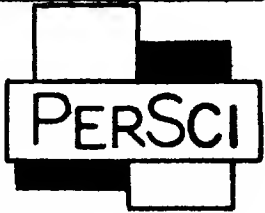


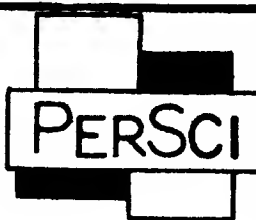
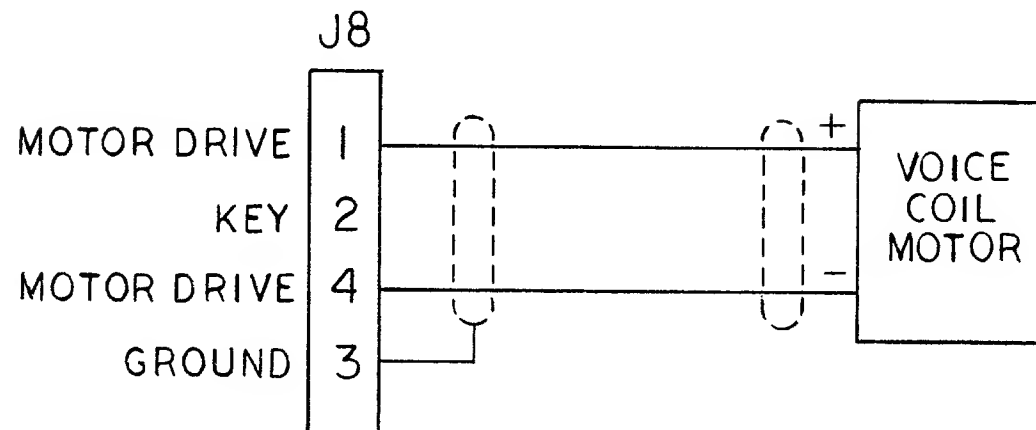
* NOTE;
SECOND LED OPTIONAL FOR
DUAL INDEX OPTION DRIVE.

| | | | |
|--|--------------|--------|---|
|  | PERSCI, INC. | | |
| SCHEMATIC LED ASSEMBLY SIDE 1 | | | |
| 270/272/277 | SHT10F1 | 200240 | B |



*NOTE
SECOND LED OPTIONAL FOR
DUAL INDEX OPTION DRIVE.

| | | | |
|--|--------------|--------|---|
|  | PERSCI, INC. | | |
| SCHEMATIC LED ASSEMBLY SIDE 0 | | | |
| 270/272/277 | SHT 1 OF 1 | 200241 | B |



PERSCI, INC.

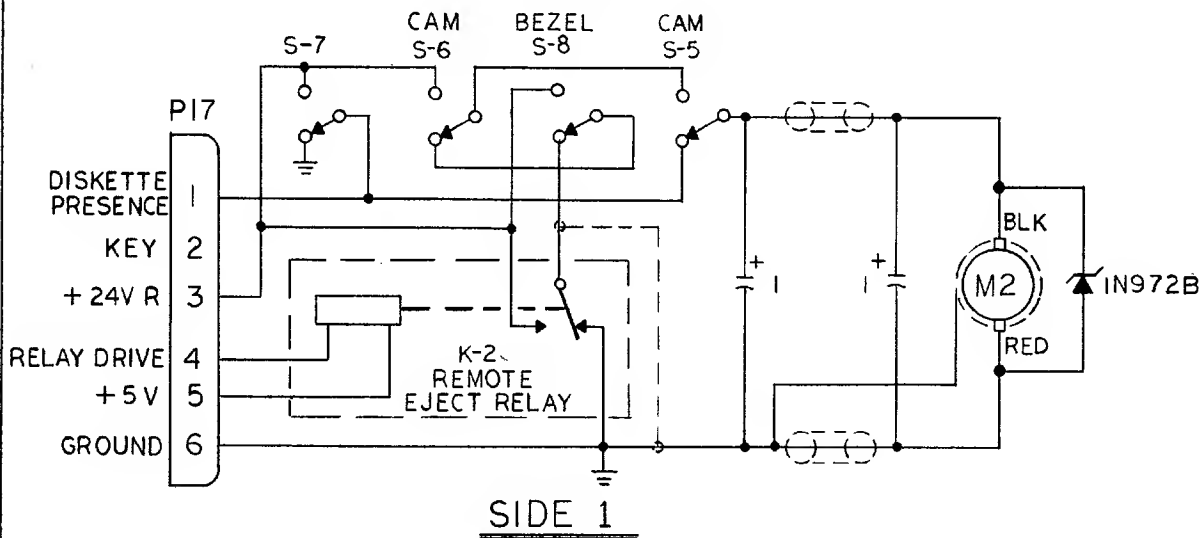
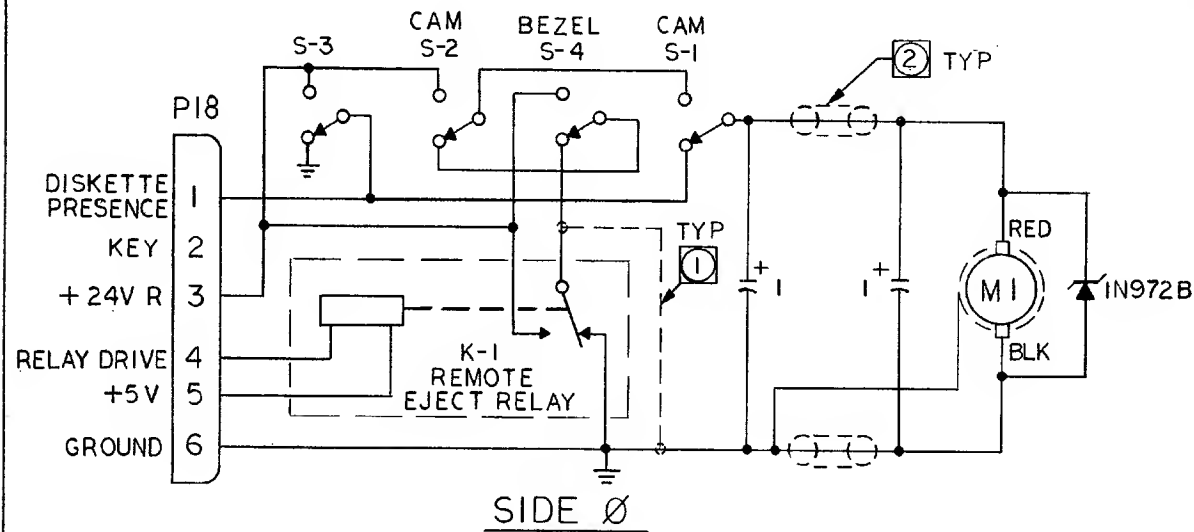
SCHEMATIC
POSITIONER MOTOR

270/272/277

SHT 1 OF 1

200242


A



| REVISIONS | | | | 200243 | B |
|-----------|-------------|------|---------|----------|---|
| REV. | DESCRIPTION | CHK. | DATE | APPROVED | |
| A | MFG RELEASE | | 9/11/77 | | |
| B | ECO 109 | | 9/11/77 | | |

- ③ ALL SWITCHES SHOWN NORMALLY CLOSED.
 ② FERRITE BEAD PERSCI 100031.
 ① OPTIONAL WIRING WITHOUT RELAY.

NOTES;

| | | | | | |
|---|-----------------------------------|------------|--------|---|--|
|  | PERSCI, INC. | | | | |
| | SCHEMATIC EJECT MOTOR ASSEMBLY | | | | |
| | 270/272/277 | SHT 1 OF 1 | 200243 | B | |

| | | | | | |
|-----------------------|----------------------------------|--------------------------------|--------------|-----|----------------------|
| REV B | MATERIAL LIST | | | | |
| | TITLE | | DWG NO. | | REV |
| | ASSEMBLY, PCB DATA AND INTERFACE | | 200263-001 | | △ |
| | MODEL 270/272 SINGLE DENSITY | | PERSCI, INC. | | |
| DWG NO. 200263-001 | ITEM NO. | DRAWING TITLE | DWG NO. | QTY | REMARKS |
| | | USE BASIC BD 200263-000 | | | |
| | | LATEST REVISION AND | | | |
| | | ADD THE FOLLOWING: | | | |
| | 1 | | | | |
| | 2 | | | | |
| | 3 | CAPACITOR, TANTL., 10% 0.1UF | 150100-104 | 1 | C36 |
| | 4 | CAPACITOR, TANTL., 10% 0.1UF | 150100-104 | 2 | C40,41 |
| | 5 | | | | |
| | 6 | RESISTOR ¼ W., 5% 36K | 150000-363 | 2 | R88,94 |
| | 7 | | | | |
| | 8 | WIRE, INSULATED AWG 24 | | A/R | JUMPER FROM A TO B |
| | | | | | JUMPER FROM D TO E |
| | | | | | JUMPER FROM F TO G |
| | | | | | JUMPER FROM H TO J |
| | | | | | JUMPER FROM M TO P |
| | | | | | JUMPER FROM R TO S |
| | | | | | JUMPER FROM W TO X |
| | | | | | JUMPER FROM AB TO AC |
| | | | | | JUMPER FROM AD TO AE |
| | | | | | JUMPER FROM AH TO AJ |
| | | | | | JUMPER FROM AL TO AM |
| | | | | | JUMPER FROM AY TO AT |
| | | | | | JUMPER FROM AV TO AW |
| | | | | | JUMPER FROM BA TO BB |
| | | | | | JUMPER FROM BD TO BE |
| | | | | | JUMPER FROM BK TO BM |
| | | | | | CHASSIS GND W1 |
| | | | | | |
| | | NOTE: JUMPER POINTS NOT LISTED | | | |
| | | ARE OPEN (NOT USED) | | | |
| | | | | | |
| | | | | | |

| REV C | | MATERIAL LIST | | | | | | | |
|--------------------|--|----------------------------------|--|--------------|--|-----|--|----------------------|--|
| DWG NO. 200263-002 | | TITLE | | DWG NO. | | REV | | SHEET 1 OF 1 | |
| | | ASSEMBLY, PCB DATA AND INTERFACE | | 200263-002 | | C | | | |
| | | MODEL 270 DOUBLE DENSITY | | PERSCI, INC. | | | | | |
| ITEM NO. | | DRAWING TITLE | | DWG NO. | | QTY | | REMARKS | |
| | | USE BASIC BD 200263-000 | | | | | | | |
| | | LATEST REVISION AND | | | | | | | |
| | | ADD THE FOLLOWING: | | | | | | | |
| | | | | | | | | | |
| 1 | | IC 74193 | | 150614 | | 2 | | U16,27 | |
| 2 | | | | | | | | | |
| 3 | | CAPACITOR, TANTL., 10% 0.1UF | | 150100-104 | | 1 | | C36 | |
| 4 | | CAPACITOR, TANTL., 10% 1UF | | 150100-105 | | 2 | | C40,41 | |
| 5 | | | | | | | | | |
| 6 | | RESISTOR, 1/4 W., 5% 11K | | 150000-113 | | 2 | | R88,94 | |
| 7 | | | | | | | | | |
| 8 | | WIRE, INSULATED AWG 24 | | | | A/R | | JUMPER FROM A TO B | |
| | | | | | | | | JUMPER FROM D TO E | |
| | | | | | | | | JUMPER FROM F TO G | |
| | | | | | | | | JUMPER FROM H TO J | |
| | | | | | | | | JUMPER FROM M TO P | |
| | | | | | | | | JUMPER FROM R TO S | |
| | | | | | | | | JUMPER FROM W TO Y | |
| | | | | | | | | JUMPER FROM AA TO AB | |
| | | | | | | | | JUMPER FROM AD TO AF | |
| | | | | | | | | JUMPER FROM AH TO AK | |
| | | | | | | | | JUMPER FROM AL TO AM | |
| | | | | | | | | JUMPER FROM AT TO AY | |
| | | | | | | | | JUMPER FROM AV TO AW | |
| | | | | | | | | JUMPER FROM BA TO BB | |
| | | | | | | | | JUMPER FROM BD TO BE | |
| | | | | | | | | JUMPER FROM BH TO BJ | |
| | | | | | | | | JUMPER FROM BK TO BM | |
| | | | | | | | | SECTOR "0" JUMPER 16 | |
| | | NOTE: JUMPER POINTS NOT LISTED | | | | | | SECTOR "1" JUMPER 16 | |
| | | ARE OPEN (NOT USED) | | | | | | CHASSIS GND W1 | |
| | | | | | | | | | |
| | | | | | | | | | |

| REV E | | MATERIAL LIST | | | |
|-----------------------|--|---|--------------------------------|------------|------------------------|
| DWG NO. 200263-003 | | TITLE ASSEMBLY, PCB DATA AND INTERFACE | DWG NO. 200263-003 | REV E | SHEET 1 OF 1 |
| | | MODEL 277 ROTARY SELECT | PERSCI, INC. | | |
| | | ITEM NO. | DRAWING TITLE | DWG NO. | QTY |
| | | | | | REMARKS |
| | | | USE BASIC BD 200263-000 | | |
| | | | LATEST REVISION AND | | |
| | | | ADD THE FOLLOWING: | | |
| | | | | | |
| | | 1 | | | |
| | | 2 | | | |
| | | 3 | | | |
| | | 4 | CAPACITOR, TANTL., 10% 0.1UF | 150100-104 | 3 C40,41,36 |
| | | 5 | | | |
| | | 6 | RESISTOR, 1/4 W., 5% 36K | 150000-363 | 2 R38,94 |
| | | 7 | MODULE, SELECT | 200288-005 | 1 U11 |
| | | 8 | WIRE, INSULATED, AWG 24 | | A/R JUMPER FROM A TO B |
| | | | | | JUMPER FROM J TO Z |
| | | | | | JUMPER FROM K TO L |
| | | | | | JUMPER FROM N TO P |
| | | | | | JUMPER FROM S TO T |
| | | | | | JUMPER FROM U TO V |
| | | | | | JUMPER FROM W TO X |
| | | | | | JUMPER FROM AB TO AC |
| | | | | | JUMPER FROM AD TO AE |
| | | | | | JUMPER FROM AH TO AJ |
| | | | | | JUMPER FROM AM TO AN |
| | | | | | JUMPER FROM AP TO AR |
| | | | | | JUMPER FROM AS TO AT |
| | | | | | JUMPER FROM AV TO AW |
| | | | | | JUMPER FROM BA TO BB |
| | | | | | JUMPER FROM BD TO BE |
| | | | | | JUMPER FROM BK TO BM |
| | | | | | CHASSIS GND W1 |
| | | | NOTE: JUMPER POINTS NOT LISTED | | |
| | | | ARE OPEN (NOT USED) | | |
| | | | | | |
| | | | | | |

REV C
DWG NO. 200263-005

MATERIAL LIST

| | | | |
|---|-----------------------|----------|--------------|
| TITLE ASSEMBLY, PCB DATA AND INTERFACE | DWG NO. 200263-005 | REV C | SHEET 1 OF 1 |
|---|-----------------------|----------|--------------|

MODEL 270, 16 SECTORS

PERSCI, INC.

| ITEM NO. | DRAWING TITLE | DWG NO. | QTY | REMARKS |
|----------|--------------------------------|------------|-----|----------------------|
| | USE BASIC BD 200263-000 | | | |
| | LATEST REVISION AND | | | |
| | ADD THE FOLLOWING: | | | |
| | | | | |
| 1 | IC 74193 | 150614 | 2 | U16,27 |
| 2 | | | | |
| 3 | CAPACITOR, TANTL., 10% 0.1UF | 150100-104 | 1 | C36 |
| 4 | CAPACITOR, TANTL., 10% 1UF | 150100-105 | 2 | C40,41 |
| 5 | | | | |
| 6 | RESISTOR, 1/4W., 5% 11K | 150000-113 | 2 | R38,94 |
| 7 | | | | |
| 8 | WIRE, INSULATED, AWG 24 | | A/R | JUMPER FROM A TO B |
| | | | | JUMPER FROM D TO E |
| | | | | JUMPER FROM F TO G |
| | | | | JUMPER FROM H TO J |
| | | | | JUMPER FROM M TO P |
| | | | | JUMPER FROM R TO S |
| | | | | JUMPER FROM W TO Y |
| | | | | JUMPER FROM AA TO AB |
| | | | | JUMPER FROM AD TO AF |
| | | | | JUMPER FROM AH TO AK |
| | | | | JUMPER FROM AL TO AM |
| | | | | JUMPER FROM AT TO AY |
| | | | | JUMPER FROM AV TO AW |
| | | | | JUMPER FROM BA TO BB |
| | | | | JUMPER FROM BD TO BE |
| | | | | JUMPER FROM BH TO BF |
| | | | | JUMPER FROM BK TO BM |
| | | | | SECTOR "0" JUMPER 16 |
| | | | | SECTOR "1" JUMPER 16 |
| | NOTE: JUMPER POINTS NOT LISTED | | | CHASSIS GND W1 |
| | ARE OPEN (NOT USED) | | | |
| | | | | |

REV

DWG NO. 200263-007

MATERIAL LIST

TITLE

ASSEMBLY, PCB DATA AND INTERFACE

DWG NO.

200263-007

REV

SHEET 1 OF 1

MODEL 270 HARD SECTOR 32 SECTORS

PERSCI, INC.

ITEM
NO.

DRAWING TITLE

DWG NO.

QTY

REMARKS

USE BASIC BD 200263-000

LATEST REVISION AND ADD

THE FOLLOWING:

1

ASSY, SELECT MODULE

200288-003

1

U11

2

3

CAPACITOR, TANTL., 10% 0.1UF

150100-104

1

C36

4

CAPACITOR, TANTL., 10% 1UF

150100-105

2

C40,41

5

6

RESISTOR, 1/4 W., 5% 11K

150000-113

2

R88,94

7

8

WIRE, INSULATED, AWG 24

A/R

JUMPER FROM A TO B

JUMPER FROM D TO E

JUMPER FROM F TO G

JUMPER FROM H TO J

JUMPER FROM M TO P

JUMPER FROM R TO S

JUMPER FROM W TO Y

JUMPER FROM AA TO AB

JUMPER FROM AD TO AF

JUMPER FROM AH TO AK

JUMPER FROM AL TO AM

JUMPER FROM AT TO AY

JUMPER FROM AU TO AW

JUMPER FROM BA TO BB

JUMPER FROM BD TO BE

JUMPER FROM BH TO BJ

JUMPER FROM BK TO BM

SECTOR "0" JUMPER 32

NOTE: JUMPER POINTS NOT LISTED

SECTOR "1" JUMPER 32

ARE OPEN (NOT USED)

CHASSIS GND W1

REV
BDWG NO.
200263-008

MATERIAL LIST

| TITLE | | DWG NO. | | REV | SHEET <u>1</u> OF <u>1</u> |
|---|--------------------------------|--------------|-----|----------------------|----------------------------|
| ASSEMBLY, PCB DATA AND INTERFACE | | 200263-008 | | B | |
| MODEL 270 SINGLE DENSITY,SELECTABLE DRIVE | | PERSCI, INC. | | | |
| ITEM NO. | DRAWING TITLE | DWG NO. | QTY | REMARKS | |
| | USE BASIC BD 200263-000 | | | | |
| | LATEST REVISION AND | | | | |
| | ADD THE FOLLOWING: | | | | |
| | | | | | |
| 1 | ASSY., SELECT MODULE | 200288-003 | 1 | U11 | |
| 2 | | | | | |
| 3 | CAPACITOR, TANTL., 10% 0.1UF | 150100-104 | 1 | C36 | |
| 4 | CAPACITOR, TANTL., 10% 0.1UF | 150100-104 | 2 | C40,41 | |
| 5 | | | | | |
| 6 | RESISTOR, ¼ W., 5% 36K | 150000-363 | 2 | R88,94 | |
| 7 | | | | | |
| 8 | WIRE, INSULATED AWG 24 | | A/R | JUMPER FROM A TO B | |
| | | | | JUMPER FROM D TO E | |
| | | | | JUMPER FROM F TO G | |
| | | | | JUMPER FROM H TO J | |
| | | | | JUMPER FROM M TO P | |
| | | | | JUMPER FROM R TO S | |
| | | | | JUMPER FROM W TO X | |
| | | | | JUMPER FROM AB TO AC | |
| | | | | JUMPER FROM AD TO AE | |
| | | | | JUMPER FROM AH TO AJ | |
| | | | | JUMPER FROM AL TO AM | |
| | | | | JUMPER FROM AY TO AT | |
| | | | | JUMPER FROM AV TO AW | |
| | | | | JUMPER FROM BA TO BB | |
| | | | | JUMPER FROM BD TO BE | |
| | | | | JUMPER FROM BK TO BM | |
| | | | | CHASSIS GND W1 | |
| | | | | | |
| | NOTE: JUMPER POINTS NOT LISTED | | | | |
| | ARE OPEN (NOT USED) | | | | |
| | | | | | |
| | | | | | |

| REV C | MATERIAL LIST | | | | |
|-----------------------|---|--------------------------------|--------------|-----|----------------------|
| | TITLE | | DWG NO. | | REV |
| DWG NO. 200263-001 | ASSEMBLY, PCB DATA AND INTERFACE | | 200263-009 | | C |
| | MODEL 270 SELECTABLE DRIVE, 16 SEPARATED SECTORS | | PERSCI, INC. | | |
| DWG NO. 200263-001 | ITEM NO. | DRAWING TITLE | DWG NO. | QTY | REMARKS |
| | | USE BASIC BD 200263-000 | | | |
| | | LATEST REVISION AND | | | |
| | | ADD THE FOLLOWING: | | | |
| | | | | | |
| | 1 | IC 74193 | 150614 | 2 | U16,27 |
| | 2 | IC 75455 | 150615 | 1 | U59 'DELETE' |
| | 3 | CAPACITOR, TANTL., 10% 0.1UF | 150100-104 | 1 | C36 |
| | 4 | CAPACITOR, TANTL., 10% 1UF | 150100-105 | 2 | C40,41 |
| | 5 | | | | |
| | 6 | RESISTOR, 1/4 W., 5% 11K | 150000-113 | 2 | R88,94 |
| | 7 | ASSY., SELECT MODULE | 200288-003 | 1 | U11 |
| | 8 | WIRE, INSULATED AWG 24 | | A/R | JUMPER FROM A TO B |
| | | | | | JUMPER FROM D TO E |
| | | | | | JUMPER FROM F TO G |
| | | | | | JUMPER FROM H TO J |
| | | | | | JUMPER FROM M TO P |
| | | | | | JUMPER FROM R TO S |
| | | | | | JUMPER FROM W TO Y |
| | | | | | JUMPER FROM AA TO AB |
| | | | | | JUMPER FROM AD TO AF |
| | | | | | JUMPER FROM AH TO AK |
| | | | | | JUMPER FROM AL TO AM |
| | | | | | JUMPER FROM AT TO AY |
| | | | | | JUMPER FROM AV TO AW |
| | | | | | JUMPER FROM BA TO BB |
| | | | | | JUMPER FROM BD TO BE |
| | | | | | JUMPER FROM BH TO BJ |
| | | | | | JUMPER FROM BK TO BM |
| | | | | | SECTOR "0" JUMPER 16 |
| | | | | | SECTOR "1" JUMPER 16 |
| | | NOTE: JUMPER POINTS NOT LISTED | | | CHASSIS GND W1 |
| | | ARE OPEN (NOT USED) | | | |
| | | | | | |

| MATERIAL LIST | | | | | |
|-----------------------|---|--------------------------------|------------|-----------------------|----------------------|
| REV 5 | TITLE ASSEMBLY, PCB DATA AND INTERFACE | | | DWG NO. 200263-010 | |
| | MODEL 277 HARD SECTOR 32 SECTOR ROTARY SELECT | | | REV 5 | |
| | | | | SHEET 1 OF 1 | |
| | | | | PERSCI, INC. | |
| | ITEM NO. | DRAWING TITLE | DWG NO. | QTY | REMARKS |
| DWG NO. 200263-010 | | USE BASIC BD 200263-000 | | | |
| | | LATEST REVISION AND | | | |
| | | ADD THE FOLLOWING: | | | |
| | | | | | |
| | | | | | |
| | 1 | | | | |
| | 2 | | | | |
| | 3 | CAPACITOR, TANTL., 10% 0.1UF | 150100-104 | 1 | C36 |
| | 4 | CAPACITOR, TANTL., 10% 1.0UF | 150100-105 | 2 | C40,41 |
| | 5 | | | | |
| | 6 | RESISTOR, 1/4 W., 5% 11K | 150000-113 | 2 | R88,94 |
| | 7 | MODULE, SELECT | 200288-005 | 1 | U11 |
| | 8 | WIRE, INSULATED, AWG 24 | | A/R | JUMPER FROM A TO B |
| | | | | | JUMPER FROM J TO Z |
| | | | | | JUMPER FROM K TO L |
| | | | | | JUMPER FROM N TO P |
| | | | | | JUMPER FROM S TO T |
| | | | | | JUMPER FROM W TO Y |
| | | | | | JUMPER FROM AA TO AB |
| | | | | | JUMPER FROM AD TO AF |
| | | | | | JUMPER FROM AH TO AK |
| | | | | | JUMPER FROM AM TO AN |
| | | | | | JUMPER FROM AP TO AR |
| | | | | | JUMPER FROM AS TO AT |
| | | | | | JUMPER FROM AV TO AW |
| | | | | | JUMPER FROM BC TO BB |
| | | | | | JUMPER FROM BD TO BE |
| | | | | | JUMPER FROM BL TO BM |
| | | | | | SECTOR "0" JUMPER 32 |
| | | | | | SECTOR "1" JUMPER 32 |
| | | NOTE: JUMPER POINTS NOT LISTED | | | CHASSIS GND W1 |
| | | ARE OPEN (NOT USED) | | | |
| | | | | | |
| | | | | | |

| | | | | | |
|-----------------------|---|------------------------------|-----------------------|----------------------|----------------------|
| REV B | MATERIAL LIST | | | | |
| | TITLE ASSEMBLY, PCB DATA AND INTERFACE | | DWG NO. 200263-011 | | REV E |
| | MODEL 277 ROTARY SELECT MFM 32 SECTOR | | SHEET 1 OF 1 | | |
| DWG NO. 200263-011 | PERSCI, INC. | | | | |
| | ITEM NO. | DRAWING TITLE | DWG NO. | QTY | REMARKS |
| | | USE BASIC BD 200263-000 | | | |
| | | LATEST REVISION AND | | | |
| | | ADD THE FOLLOWING: | | | |
| | | | | | |
| | 1 | | | | |
| | 2 | | | | |
| | 3 | CAPACITOR, TANTL., 10% 0.1UF | 150100-104 | 1 | C36 |
| | 4 | CAPACITOR, TANTL., 10% 1.0UF | 150100-105 | 2 | C40,41 |
| | 5 | | | | |
| | 6 | RESISTOR, 1/4 W., 5% 11K | 150000-113 | 2 | R88,94 |
| | 7 | MODULE, SELECT | 200238-005 | 1 | U11 |
| | 8 | WIRE, INSULATED, AWG 24 | | A/R | JUMPER FROM A TO B |
| | | | | | JUMPER FROM J TO Z |
| | | | | | JUMPER FROM K TO L |
| | | | | | JUMPER FROM N TO P |
| | | | | | JUMPER FROM S TO T |
| | | | | | JUMPER FROM W TO Y |
| | | | | | JUMPER FROM AA TO AB |
| | | | | | JUMPER FROM AD TO AF |
| | | | | | JUMPER FROM AH TO AK |
| | | | | | JUMPER FROM AM TO AN |
| | | | | | JUMPER FROM AP TO AR |
| | | | | JUMPER FROM AS TO AT | |
| | | | | JUMPER FROM AV TO AW | |
| | | | | JUMPER FROM BC TO BB | |
| | | | | JUMPER FROM BD TO BE | |
| | | | | JUMPER FROM BH TO BJ | |
| | | | | JUMPER FROM BL TO BM | |
| | | | | SECTOR "0" JUMPER 32 | |
| | | | | SECTOR "1" JUMPER 32 | |
| | NOTE: JUMPER POINTS NOT LISTED | | | CHASSIS GND W1 | |
| | ARE OPEN (NOT USED) | | | | |
| | | | | | |

| REV C | | MATERIAL LIST | | | | | |
|--------------------|---|---------------------------------|------------|-----------------------|-----------------------|----------|--------------|
| DWG NO. 200263-012 | TITLE ASSEMBLY, PCB DATA AND INTERFACE | | | DWG NO. 200263-012 | | REV C | SHEET 1 OF 2 |
| | MODEL 270 DOUBLE DENSITY EXTERNAL PLO SYNC | | | PERSCI, INC. | | | |
| | ITEM NO. | DRAWING TITLE | DWG NO. | QTY | REMARKS | | |
| | | USE BASIC BD 200263-000 REV "H" | | | | | |
| | | OR LATER REVISION AND ADD THE | | | | | |
| | FOLLOWING: | | | | | | |
| | | | | | | | |
| | 1 | | | | | | |
| | 2 | | | | | | |
| | 3 | CAPACITOR, TANTL., 10% 0.1 UF | 150100-104 | 1 | C36 | | |
| | 4 | CAPACITOR, TANTL., 10% 0.1 UF | 150100-104 | 2 | C40, 41 | | |
| | 5 | | | | | | |
| | 6 | RESISTOR, 1/4 W., 5% 36K | 150000-363 | 2 | R88, 94 | | |
| | 7 | MODULE SELECT | 200288-001 | 1 | U11 | | |
| | 8 | WIRE, INSULATED AWG 24 | | A/R | JUMPER FROM A TO B | | |
| | | | | | JUMPER FROM D TO E | | |
| | | | | | JUMPER FROM F TO G | | |
| | | | | | JUMPER FROM H TO J | | |
| | | | | | JUMPER FROM M TO P | | |
| | | | | | JUMPER FROM R TO S | | |
| | | | | | JUMPER FROM W TO X | | |
| | | | | | JUMPER FROM AB TO AC | | |
| | | | | | JUMPER FROM AD TO AE | | |
| | | | | | JUMPER FROM AH TO AJ | | |
| | | | | | JUMPER FROM AL TO AM | | |
| | | | | | JUMPER FROM AY TO AT | | |
| | | | | | JUMPER FROM AV TO AW | | |
| | | | | | JUMPER FROM BA TO BB | | |
| | | | | | JUMPER FROM BD TO BE | | |
| | | | | | JUMPER FROM BK TO BM | | |
| | | | | | CHASSIS GND W1 | | |
| | | | | * | JUMP BH TO U11 PIN 10 | | |
| | NOTE: JUMPER POINTS NOT LISTED | | | | | | |
| | ARE OPEN (NOT USED) | | | | | | |
| | *INSTALL ON BACK SIDE OF PCB | | | | | | |
| | USING ITEM 129 | | | | | | |

MATERIAL LIST

| | |
|------------|-----|
| M/L NO. | REV |
| 200263-012 | C |

| | |
|------------|-----|
| M/L NO. | REV |
| 200263-012 | C |

A = ASSEMBLY WITH M/L
S = SHIP SEPARATE

REV

DWG NO. 200263-013

MATERIAL LIST

TITLE

ASSEMBLY, PCB DATA AND INTERFACE

DWG NO.

200263-013

REV

SHEET 1 OF 1

MODEL 270 SPECIAL INTERFACE

PERSCI, INC.

ITEM NO.

DRAWING TITLE

DWG NO.

QTY

REMARKS

USE BASIC BD 200263-000

REVISION 'N' AND LATER

ADD THE FOLLOWING

1

2

3

CAPACITOR, TANTL., 10% 0.1UF

150100-104

1

C36

4

CAPACITOR, TANTL., 10% 0.1UF

150100-104

2

C40,41

5

6

RESISTOR 1/4W., 5% 36K

150000-363

2

R88,94

7

MODULE, SELECT

200288-003

1

U11

8

WIRE, INSULATED AWG24

A/R

JUMPER FROM A TO B

JUMPER FROM D TO E

JUMPER FROM F TO G

JUMPER FROM H TO J

JUMPER FROM M TO P

JUMPER FROM R TO S

JUMPER FROM W TO X

JUMPER FROM AA TO AB

JUMPER FROM AD TO AE

JUMPER FROM AK TO AH

JUMPER FROM AM TO AN

JUMPER FROM AY TO AT

JUMPER FROM AV TO AW

JUMPER FROM BA TO BB

JUMPER FROM BD TO BE

JUMPER FROM BK TO BM

JUMPER FROM U TO V

SECTOR O JUMPER I

SECTOR I JUMPER I

NOTE: JUMPER POINTS NOT LISTED

ARE OPEN (NOT USED)

CHASSIS GND WI

PERSCI, INC.

**12210 Nebraska Ave
W Los Angeles
CA 90025**

MAY, 1978